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It was *Resolved* to request Messrs. DONOHUE, KELLY & Co. to keep the Comet medal and dies in their bank-vaults, which they have kindly consented to do.*

It was *Resolved*, That the polls be open from 8 to 9 P. M. at the annual meeting on 29th March, 1890, for the election of eleven Directors and a Committee of three on Publication.

A Library Committee was appointed, consisting of Messrs. MOLERA, BURCKHALTER and PIERSON, to take charge of the one thousand dollars to be used for the purchase of books for the library. Mr. BURCKHALTER was appointed Librarian, and the Committee was given power to act in matters pertaining to the purchase and conduct of the library.

The Treasurer presented his bi-monthly report, which was received and filed.

The bills presented by the Secretary and Treasurer were approved and ordered paid.

The Library Committee was requested to consult with the Mercantile Library Association, and to see if an arrangement can be effected by which the books of the Society can be deposited and cared for in the Mercantile Library.

The meeting then adjourned.

MINUTES OF THE MEETING OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC, HELD JANUARY 25, 1890, IN THE ROOMS OF THE SOCIETY, SAN FRANCISCO.

President HOLDEN, being snow-bound on Mount Hamilton, Vice-President PIERSON took the Chair.

The minutes of the last meeting were read and approved.

The Secretary announced the receipt of seventy-five presents and publications, among which were two large drawings of *Jupiter* by Professor KEELER, made at the Lick Observatory in July, 1889. The thanks of the Society were returned to the donors.

On motion, the following Committees were appointed by the Chair, to report at the annual meeting, March 29th.

A Committee of three—Messrs. STRONG, GITCHELL and GRAY, to audit the accounts of the Treasurer.

A Committee of seven—Messrs. GODDARD, CEBRIAN, CHURCH, LEWITT, RUNYON, ZIEL and TREAT, to nominate eleven Directors and a Committee on Publication of three members, for election at the annual meeting.

The Chair announced the success of the Lick Observatory eclipse party, sent to South America by Colonel C. F. CROCKER.

The following members were then elected (the names of life members, duly elected by the Board of Directors, are marked with a star (*)).

W. STEADMAN ALDIS,	University College, Auckland, N. Z.
JOSÉ A. Y BONILLA,	Plaza del Mercado 22, Zacatecas, Mexico.
Rev. MARTIN S. BRENNAN, . .	3949 Iowa Street, St. Louis, Mo.
A. R. CHURCH,	1102 Tenth Street, Oakland.
MATEO CLARK,*	27 Queen's Gate, London, England.
Hon. LEVI K. FULLER,	Brattleboro, Vermont.
Prof. M. W. HARRINGTON, . .	Director of Observatory, Ann Arbor, Mich.
HUGH HOWELL,	1413 Brush Street, Oakland, Cal.
Prof. D. KIRKWOOD, LL. D. . .	Arlington Avenue, Riverside, Cal.
Prof. IRA MORE,	State Normal School, Los Angeles, Cal.
T. S. PALMER,	Dept. of Agriculture, Washington, D. C.
Hon. ADOLPH SUTRO,*	74 Montgomery Block, San Francisco, Cal.
JAMES L. SCOTT,	Turnbull, Howie & Co., Shanghai, China.
Hon. ROBERT SHERWOOD, . . .	309 California Street, San Francisco, Cal.
P. V. VEEDER, D. D.	Laurel Hall, San Mateo, Cal.
FREDERICK G. WATTLES, . . .	Box 2433, Denver, Colorado.

* An excellent photo-lithograph of the Comet medal is given in the plate facing page 32.

The Secretary reported that the total membership was now 192, twenty-seven being life-members.

A paper "On the Physical Appearance of Jupiter in 1889," was read by Mr. KEELER, and illustrated by numerous drawings. This was followed by an explanation of the method used for the electrical control of the driving-clock of the great telescope of the Lick Observatory.

The Chair announced that the Board of Directors had, with the consent of Mr. MONTGOMERY, determined to use \$1000 of the MONTGOMERY FUND for the purchase of a library, to be known as the ALEXANDER MONTGOMERY Library of the Astronomical Society of the Pacific, and to devote the income of the remaining \$1500 to preserving and enlarging the library.

The Society then adjourned to meet March 29, 1890, in its rooms in San Francisco.

CHARLES BURCKHALTER, *Secretary*.

ADDENDUM.—SOLAR ECLIPSE OF DECEMBER 21, 1889.

A telegram from the Lick Observatory Eclipse party recites that the following negatives were secured:

- 4 with 6½-inch CLARK objective;
- 5 with 6-inch DALLMEYER objective;
- 4 with 18-inch SCHAEBERLE reflector;
- 2 with small camera, just after III contact.

Several of these plates were standardized, in order that measures of the photographic brightness of the corona might be made. The corona was similar in general character to that of January, 1889, only "more extended." It would appear from this expression that the coronal extension, first photographed at the California eclipse, has been again photographed in South America. The negatives have not yet reached the Lick Observatory.

E. S. H.

MOUNT HAMILTON, January 31, 1890.